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1	AGCAGACAGGAGCTCTCATTAAGGAGG	TGTCCCTGTGCCCTGACCCCTAACAGATGCCA	AGAGAAAGATGCTACTCTCATCTATGGTAC	CCCAAGAAGGGGCACCGGCCCTCTTACACC	119
			Met Pro Arg Glu Asp Alan Ile Ser Tyr Thr	Ile Ser Tyr Thr Pro Lys Ser Tyr Gly Tyr	22
120	ACGGCTGAAGAGGGCCCTGGGATCGGATC	CTGACACGATCTCTGGGAGCTTACTGCTC	ATCGGCTGTGGATTGTAGAACGAAAT	GGATACAGGCCCTGATGGATAAGCTTC	239
23	Thr Ala Glu Glu Val Leu Leu Leu	Ile Gln Val Leu Leu Leu	Ile Gln Cys Trp Cys Ser Arg Arg Asn	Gly Tyr Arg Alan Leu Met Asp Lys Ser Leu	62
240	CATGTGGACTCAATGTGCCCTAACAGA	AGATGCCCTAACAGAACGAGCTTGATCATCGG	GACACCAAAGTGCTCTAACAGAGAAAC	TGTGAAACCTGTGTTCCCATTCTCCACCT	359
63	His Val Gln Gly Thr Gln Cys Alan	Leu Thr Arg Arg Cys Pro Glu Ile Gln	Arg Cys Pro Glu Ile Gln Phe Asp His Arg	Asp Ser Lys Val Ser Leu Gln Gln Lys Alan	102
64	GCTTATGAAAAACTCTCTCGAACAGCTCA	CCACCCCTTATCACCCTAACCGCG	AGACACCTGAGAACATGCTGAAATTATTC	CTCACACCTTGTCTTGTAAATACAGAC	479
	Ala Tyr Gln Gln Val Ser Leu Ser Ala Glu Gln Ser	Pro Pro Pro Tyro Ser Pro		CT	118
103	ATCTTAATGCTCTCTCTCTCTCTCTCTCTGAGG	AAAATTTAGTAGTGGTCCGCTAGCA	AGTGTAAATTAGTAGTGGTCCGCTAGCA	GTAATCTCTGAGAAATGAGAAATGAGAA	599
	TATTAATTTCTCTCTCTCTCTCTCTCTCTGAGG	GTGAAATCTCTGAGAAATCTCTCTCTCTGAGA	GTTGAGAGACAGAAATGAGAAATGAGAA	GTTGAGAGACAGAAATGAGAAATGAGAA	719
480	TATTAATTTCTCTCTCTCTCTCTCTCTCTGAGG	GTGAAATCTCTGAGAAATCTCTCTCTCTGAGA	GTTGAGAGACAGAAATGAGAAATGAGAA	GTTGAGAGACAGAAATGAGAAATGAGAA	839
600	GGGGCCATCAATTCATTTCTCTCTCTCTGAGG	AACCTTGACCGATGAACTCTGAGCTTTC	TTGGCTTAATACAACTAGTCTAGGTTTC	TTGGCTTCAATGAGAAATGAGAAATGAGAA	959
720	GATACCTCTAACGGTTAACAGAACGGGTT	ACTGGCCCTATTTCTCTGATCAAGAACATG	ACTGGCCCTATTTCTCTGATCAAGAACATG	ACTGGCCCTATTTCTCTGATCAAGAACATG	1079
840	CTATAGCTCTCTCTCTCTCTCTCTCTGAGGTT	CGCTTTTGTGCTGGGAGGTCTGGGAGCT	CGCTTTTGTGCTGGGAGGTCTGGGAGCT	CGCTTTTGTGCTGGGAGGTCTGGGAGCT	1199
960	CCTCTCTGAGCTGGGAGCTGGGAGGTCTGGG	GCACATGCTCTCTCTCTCTCTCTCTGAGGTT	GCACATGCTCTCTCTCTCTCTCTGAGGTT	GCACATGCTCTCTCTCTCTCTCTGAGGTT	1319
1080	ANTTACAGGGCTGGGAGCTGGGAGGTCTGGG	GGATCCCTATCTCTCTCTCTCTCTGAGGTT	GGATCCCTATCTCTCTCTCTCTCTGAGGTT	GGATCCCTATCTCTCTCTCTCTCTGAGGTT	1439
	TCTGCCCTGGCTGGGAGCTGGGAGGTCTGGG	CTACTAACAGGAAATGCTGAGGTT	AGCTGCTGAGGTT	AGCTGCTGAGGTT	
1200	TATGCTTATGCTTAACTGAGAAGTATTCT	AAATAAGTAAAGCTACTGACTGACTGACTG	AAATAAGTAAAGCTACTGACTGACTGACTG	AAATAAGTAAAGCTACTGACTGACTGACTG	1559
1320	TACCTATGGCAATTAGCTCTCTCTCTCTCT	AAATCATTAAGGATCTGAGAG	AAATCATTAAGGATCTGAGAG	AAATCATTAAGGATCTGAGAG	
1440					

FIGURE 1

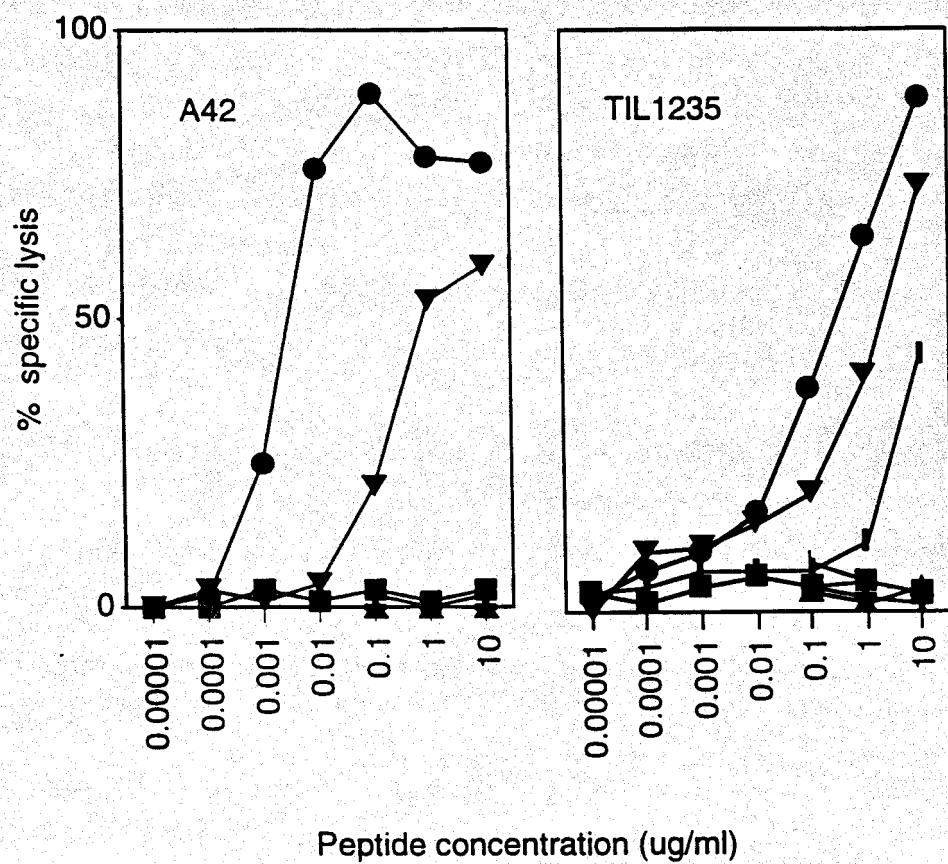


FIGURE 2

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FIGURE 3A

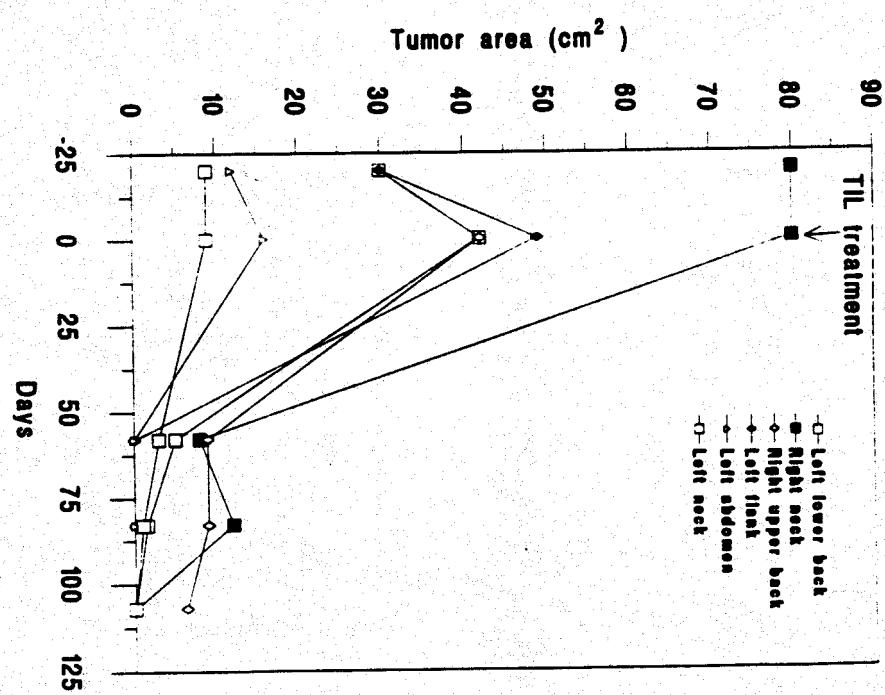
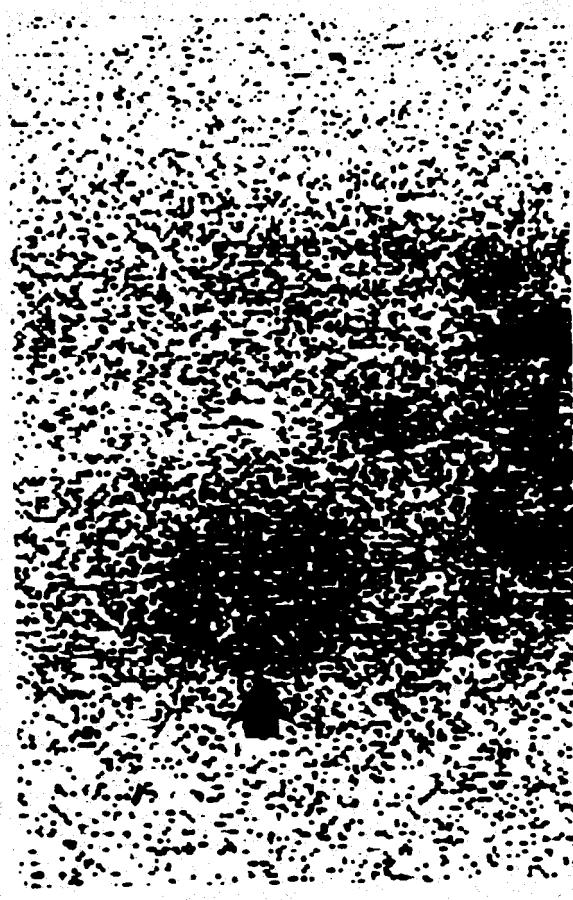


FIGURE 3B

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GTGACGGCC ATTACCAATC GCGACCGGGA AGAACACA <u>AT</u>	40
<u>GGATCTGGTG CTAAAAAGAT GCCTTCTTCA TTTGGCTGTG</u>	80
ATAGGTGCTT TGCTGGCTGT GGGGGCTACA AAAGTACCCA	120
GAAACCAGGA CTGGCTTGGT GTCTCAAGGC AACTCAGAAC	160
CAAAGCCTGG AACAGGCAGC TGTATCCAGA GTGGACAGAA	200
GCCCAGAGAC TTGACTGCTG GAGAGGTGGT CAAGTGTCCC	240
TCAAGGTCAAG TAATGATGGG CCTACACTGA TTGGTGCAAA	280
TGCCTCCTTC TCTATTGCCT TGAACCTCCC TGGAAGCCAA	320
AAGGTATTGC CAGATGGGCA GGTTATCTGG GTCAACAAATA	360
CCATCATCAA TGGGAGCCAG GTGTGGGAG GACAGCCAGT	400
GTATCCCCAG GAAACTGACG ATGCCTGCAT CTTCCCTGAT	440
GGTGGACCTT GCCCATCTGG CTCTTGGTCT CAGAAGAGAA	480
GCTTTGTTA TGTCTGGAAG ACCTGGGCC AATACTGGCA	520
ATTCTAGGG GGCCCAGTGT CTGGGCTGAG CATTGGGACA	560
GGCAGGGCAA TGCTGGCAC ACACACCAG GAAGTGAUTG	600
TCTACCATCG CGGGGGATCC CGGAGCTATG TGCCTCTTGC	640
TCATTCCAGC TCAGCCTTCA CCATTACTGA CCAGGTGCCT	680
TTCTCCGTGA GCGTGTCCC GTTGCGGGCC TTGGATGGAG	720
GGAACAAGCA CTTCCTGAGA AATCAGCCTC TGACCTTGCA	760
CCTCCAGCTC CATGACCCCCA GTGGCTATCT GGCTGAAGCT	800
GACCTCTCCT ACACCTGGGA CTTTGGAGAC AGTAGTGGAA	840
CCCTGATCTC TCGGGCACTT GTGGTCACTC ATACTTACCT	880
GGAGCCTGGC CCAGTCACTG CCCAGGTGGT CCTGCAGGCT	920
GCCATTCCCTC TCACCTCCTG TGGCTCCTCC CCAGTTCCAG	960
GCACCACAGA TGGGCACAGG CCAACTGCAG AGGCCCTAA	1000
CACCACAGCT GGCCAAGTGC CTACTACAGA AGTTGTGGGT	1040
ACTACACCTG GTCAGGCGCC AACTGCAGAG CCCTCTGGAA	1080
CCACATCTGT GCAGGTGCCA ACCACTGAAG TCATAAGCAC	1120

FIGURE 4

TGCACCTGTG CAGATGCCAA CTGCAGAGAG CACAGGTATG	1160
ACACCTGAGA AGGTGCCAGT TTCAGAGGTC ATGGGTACCA	1200
CACTGGCAGA GATGTCAACT CCAGAGGCTA CAGGTATGAC	1240
ACCTGCAGAG GTATCAATTG TGGTGCTTTC TGGAACCACA	1280
GCTGCACAGG TAACAACTAC AGAGTGGGTG GAGACCACAG	1320
CTAGAGAGCT ACCTATCCCT GAGCCTGAAG GTCCAGATGC	1360
CAGCTCAATC ATGTCTACGG AAAGTATTAC AGGTTCCCTG	1400
GGCCCCCTGC TGGATGGTAC AGCCACCTTA AGGCTGGTGA	1440
AGAGACAAAGT CCCCCTGGAT TGTGTTCTGT ATCGATATGG	1480
TTCCCTTTCC GTCAACCCTGG ACATTGTCCA GGGTATTGAA	1520
AGTGCCGAGA TCCTGCAGGC TGTGCCGTCC GGTGAGGGGG	1560
ATGCATTTGA GCTGACTGTG TCCTGCCAAG GCGGGCTGCC	1600
CAAGGAAGCC TGCATGGAGA TCTCATGCC AGGGTGCCAG	1640
CCCCCTGCC AGCGGCTGTG CCAGCCTGTG CTACCCAGCC	1680
CAGCCTGCCA GCTGGTTCTG CACCAGATAAC TGAAGGGTGG	1720
CTCGGGGACA TACTGCCTCA ATGTGTCTCT GGCTGATACC	1760
AACAGCCTGG CAGTGGTCAG CACCCAGCTT ATCATGCCTG	1800
GTCAAGAACG AGGCCTTGGG CAGGTTCCGC TGATCGTGGG	1840
CATCTTGCTG GTGTTGATGG CTGTGGTCCT TGCATCTCTG	1880
ATATATAGGC GCAGACTTAT GAAGCAAGAC TTCTCCGTAC	1920
CCCAGTTGCC ACATAGCAGC AGTCACTGGC TGCCTCTACC	1960
CCGCATCTTC TGCTCTGTC CCATTGGTGA AACAGCCCC	2000
CTCCTCAGTG GGCAGCAGGT CTGAGTACTC TCATAT <u>GATG</u>	2040
CTGTGATTTT CCTGGAGTTG ACAGAAAACAC CTATATTCC	2080
CCCAGTCTTC CCTGGGAGAC TACTATTAAC TGAAATAAAT	2120
ACTCAGAGCC TGAAAAAAA TAAAAAAA AAAAAAAA	2160
AAAAAAAAAA AA	2172

FIGURE 4 (continued)

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FIGURE 5A

1 MDLVLKRCLL HLAVIGALLA VGATKVPRNQ DWLGVSRLR TKAWNRQLYP
51 EWTEAQRLDC WRGGQVSLKV SNDGPTLIGA NASFSIALNF PGSQKVLPG
101 QVIWVNNTII NGSQVWGGQP VYPQETDDAC IFPDGGPCPS GSWSQKRSFV
151 YVWKTWQGYW QFLGGPVSGL SIGTGRAMLG THTMEVTYH RRGSRSYVPL
201 AHSSSAFTIT DQVPPFSVSVS QLRALDGGNK HFLRNQPLTF ALOLHDPSGY
251 LAEADLSYTW DFGDSSGTLLI SRALVVTHTY LEPGPVTAQV VLQAAIPLTS
301 CGSSPVPGTT DGHRTAEEP NTTAGQVPTT EVVGTTPGQA PTAEPSGTTS
351 VQVPTTEVIS TAPVQMPMPE STGMTPKEKVP VSEVMGTTLA EMSTPEATGM
401 TPAEVSIIVL SGTAAQVTT TEWVETTARE LPIPEPEGPD ASSIMSTESI
451 TGSLGPLLDG TATLRLVKRQ VPLDCVLYRY GSFSVTLDIV QGIESAEILQ
501 AVPSGEGLDAF ELTVSCQGGL PKEACMEISS PGCQPPAQRL CQPVLPSPAC
551 QLVHQILKG GSGTYCLNVS LADTNSLAVV STQLIMPGQE AGLGQVPLIV
601 GILLVLMAVV LASLIYRRRL MKQDFSVPQL PHSSSHWLRL PRIFCSCP
651 ENSPLLSGQQ V

FIGURE 5B

Pmel17	M-----V-----Q-----P-----VPGILLT-----LLSGQQV
ME20	M-----V-----Q-----L-----.....-----
gp100	M-----V-----Q-----L-----.....-----
CDNA25FL	M-----F-----Q-----L-----.....-----
CDNA25TR	Q-----L-----.....-----PPQWAAGLSTLI

1 162 236 274 588 649

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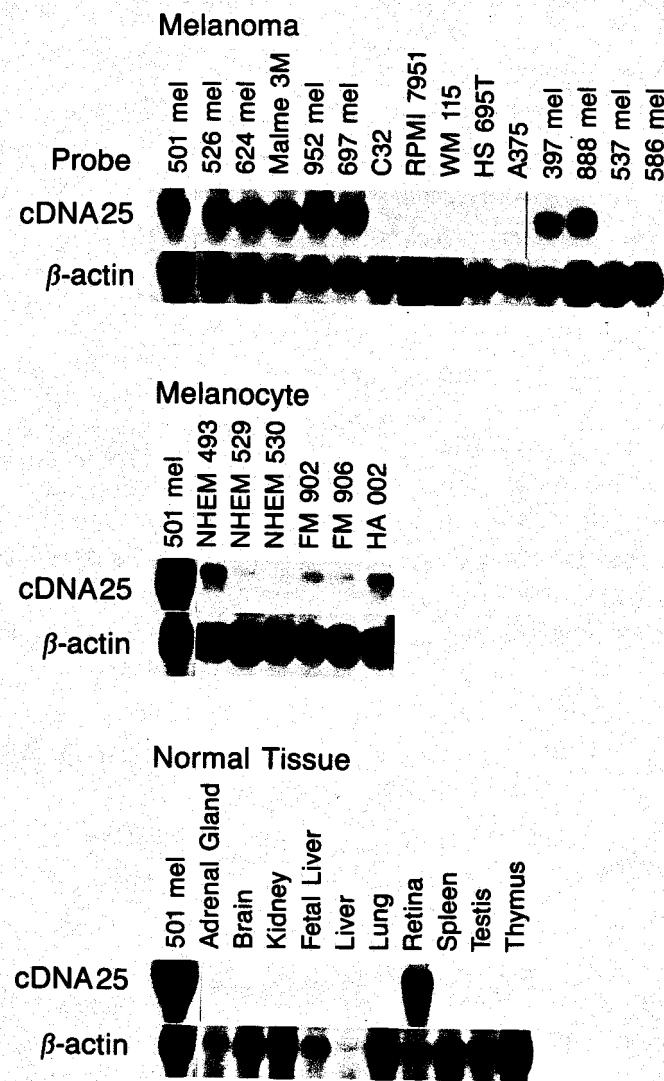


FIGURE 6